IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended): A graphics processor, comprising:

a plurality of parallellized graphics computational units; and

one or more task allocation units programmed to bypass defective ones of said [[subunits]] units within said groups, and to distribute incoming tasks only among operative ones of said [[subunits]] units.

2. (canceled)

3. (currently amended): The graphics processor of claim 1, wherein each of said parallellized graphics computational units [[include]] also includes respective multiple vertex processors.

4. (currently amended): The graphics processor of claim 1, wherein each of said parallellized graphics computational units [[include]] also includes respective texturing pipelines.

5. (currently amended): The graphics processor of claim 1, wherein each of said parallellized graphics computational units [[include]] also includes a respective memory [[controllers]] controller.

6. (canceled)

7. (original): A method of 3D graphics rendering which comprises: using a task allocation unit and parallellized graphics computational units with relations as recited in claim 1.

8. (new): The graphics processor of claim 1, wherein one or more of said parallellized graphics computational units operate with no more than 4 operative vertex processors.

9. (new): The graphics processor of claim 1, wherein one or more of said parallellized graphics computational units operate with no more than 4 operative texturing pipelines.

10. (new): The graphics processor of claim 4, wherein said texturing pipelines also include a shading unit and a texture filter unit.

11. (new): The graphics processor of claim 4, wherein said texturing pipelines also include a shading unit and a primary texture cache.

12. (new): A method of 3D graphics rendering, comprising the actions of:
    providing a plurality of parallellized graphics computational units;
    bypassing defective ones of said units, and
    distributing incoming tasks only among operative ones of said units.

13. (new): The method of claim 12, wherein each of said parallellized graphics computational units also includes respective multiple vertex processors.

14. (new): The method of claim 12, wherein one or more of said parallellized graphics computational units operate with no more than 4 operative vertex processors.

15. (new): The method of claim 12, wherein each of said parallellized graphics computational units also includes respective multiple texturing pipelines.

16. (new): The method of claim 12, wherein one or more of said parallellized graphics computational units operate with no more than 4 operative texturing pipelines.

17. (new): The method of claim 12, wherein each of said parallellized graphics computational units also includes a respective memory controller.

18. (new): The method of claim 15, wherein said texturing pipelines also include a shading unit and a texture filter unit.

19. (new): The method of claim 15, wherein said texturing pipelines also include a shading unit and a primary texture cache.

20. (new): A computer graphics system comprising:

means for providing a plurality of parallellized graphics computational units;

means for bypassing defective ones of said units, and

means for distributing incoming tasks only among operative ones of said units.

21. (new): The system of claim 20, wherein each of said parallellized graphics computational units also includes respective multiple vertex processors.

22. (new): The system of claim 20, wherein one or more of said parallellized graphics computational units operate with no more than 4 operative vertex processors.

23. (new): The system of claim 20, wherein each of said parallellized graphics computational units also includes respective multiple texturing pipelines.

24. (new): The system of claim 20, wherein one or more of said parallellized graphics computational units operate with no more than 4 operative texturing pipelines.

25. (new): The system of claim 20, wherein each of said parallellized graphics computational units also includes a respective memory controller.

26. (new): The system of claim 23, wherein said texturing pipelines also include a shading unit and a texture filter unit.

27. (new): The system of claim 23, wherein said texturing pipelines also include a shading unit and a primary texture cache.

28. (new): A method for computer graphics system operation, comprising the actions of:

provideing a plurality of parallellized rendering units;

bypassing defective ones of said units, and

distributing incoming tasks only among operative ones of said units.

29. (new): The method of claim 28, wherein each of said parallellized rendering units also includes respective multiple vertex processors.

30. (new): The method of claim 28, wherein one or more of said parallellized rendering units operate with no more than 4 operative vertex processors.

31. (new): The method of claim 28, wherein each of said parallellized rendering units also includes respective multiple texturing pipelines.

32. (new): The method of claim 28, wherein one or more of said parallellized rendering units operate with no more than 4 operative texturing pipelines.

33. (new): The method of claim 28, wherein each of said parallellized rendering units also includes a respective memory controller.

34. (new): The method of claim 31, wherein said texturing pipelines also include a shading unit and a texture filter unit.

35. (**new**): The method of claim 31, wherein said texturing pipelines also include a shading unit and a primary texture cache.